Special Issue

Development of Functional Materials for Gaseous Pollutants Removal and Antimicrobial Activity in Indoor Environment

Message from the Guest Editors

The group of indoor air pollutants, including volatile organic compounds (VOCs), NOx, O3 etc., which can be emitted from construction/decorative materials and/or transported from outdoor ambient atmosphere is a serious problem as they are one of the main causes of sick building syndrome. In this respect, research on developing various types of catalysts targeting gaseous pollutants of low concentrations in room temperature and/or creating a material surface which can sterilize and/or inhibit the adherence of bacteria and viruses has attracted increased interest. Hence, this Special Issue is dedicated to filling the knowledge gaps and leading to the progression of new knowledge/findings in these particular areas. This Special Issue seeks original research and review articles on exploring the development and applications of catalysts/materials to degrade a wide range of gaseous pollutants and antimicrobial materials to mitigate the spread of disease-causing microbes in an indoor environment.

Guest Editors

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